

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					

Root Cause		FAULT CATEGORY					
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐	OTHER : _____	

Work Order ID 164302

Monday, July 17, 2017 9:23:00 AM

164302

Page 2

Item ID: D4941-3L08 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Floor Protector, Aft LH, (Clear)
Start Date: 7/21/2017 Start Qty: 4.00 ***4*** Cust Item ID:
Required Date: 8/4/2017 Req'd Qty: 4.00 ***4*** Customer:
Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
150	QC6- All purchased or subcontracted products	0.00							
150									
QC	Memo	0.00							
Quality Control									
170	Identify as per dwg & Stock Location 57616A	0.00							
170									
Packaging	Memo	0.00							
Packaging									
180	QC21- Final Inspection - Work Order Release	0.00							
180									
QC	Memo	0.00							
Quality Control									

④ 170820 ⑩**4 SEP 20 2017 DAS 6 9-89****17/9/21****SEP 20 2017**

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Date :		Step #:		QTY Effective :			MRB (QSI042) Approval																																																										
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval																																																									
Root Cause		FAULT CATEGORY																																																															
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐	Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐	Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐	Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐	Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐	Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐	Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐	Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐	LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐	Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐	Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____			
Misidentified ☐	Past Due ☐																																																																

Picklist Print

Monday, July 17, 2017 9:23:03 AM

Page 1

Work Order ID: 164302

164302

Parent Item: D4941-3L08

D4941-3L 08

Parent Item Name: Floor Protector, Aft LH, (Clear)

Start Date: 7/21/2017

Required Date: 8/4/2017

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP Rev A New Issue 13/12/16 DL
Revised dimensions 14/02/12 DL
14/07/02 DL
IPP Rev B
IPP Rev C Revised Dwg.
IPP Rev D Revised Dwg. 14/07/25 DL
IPP Rev E 17.06.13 Now outside process DP Verify DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D4941-3L08P

Purchased

No

110

Each

0.0000

1

4

D4941-3L 08P

**

Floor Protector, Aft LH, (Clear)

MLEXS.118-90318-08

Purchased

No

110

sf

194.5690

4.875

19.5

MI FXS 118-90318-08

**

Lexan Sheet (Clear)

Location

Loc Qty

Loc Code

RM

194.56897

m126994

194.56897

SEP 20 2017

4 x 8P17-9-12

8

DQA: _____ Date: _____



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Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval 		
Description Work Order Deviation				Disposition					
							Completed By		
							Lead hand / Supervisor Approval Verification		
							QC / QA Coordinator Approval		

Root Cause				FAULT CATEGORY			
Environment ☐		No Re-verification ☐		Pressure/Forced ☐		Temperature/Cure ☐	
Design ☐		Operator ☐		Bending ☐		Set-up ☐	
Doc/Data ☐		Offset/Setup ☐		Centre Not Concentric ☐		BOM/Route ☐	
Equip/Tooling ☐		Supplier ☐		Cracks ☐		Broken/Damage/Defect ☐	
Handling/Pre ☐		Training ☐		Crimp/Kink/Ripple/Wave ☐		Inspection Incomplete/Unqualified ☐	
Material ☐		Use for Testing ☐		Cuffs ☐		Contamination ☐	
Internal Transport ☐		Poor Information ☐		Crushing ☐		Countersink ☐	
Tribal Knowledge ☐		Rushing ☐		Heat Treat ☐		Cut Too Short ☐	
LOA ☐		Product Improvement ☐		Wave/Twist in Tube ☐		Instructions Incomplete/Unclear ☐	
Substation ☐		Process Improvement ☐		Marks/Chatter ☐		Drill Holes ☐	
Past Expiry Date ☐		Manufacturing Process ☐		OTHER :			
Misidentified ☐		Past Due ☐					

DART AEROSPACE LTD		Work Order: 164302
Description: Floor Protector, LH Aft		Part Number: D4941-3L02/L08
Inspection Dwg: D4941	Rev: D	Page 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST

THERMOFORMING SECTION

Description	Accept	Reject	Method of Inspection	Comments
Inside Radii less than "	✓			
Shape Definition	✓			
Texture Retention	✓			
Material imperfections such as bumps, cracks, voids, scratching	✓			

Measured by: DAS 07 9-89	Date: 12/02/14
---------------------------------------	-----------------------

TRIMMING SECTION

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
19.3	+/-0.100	19.3"	✓			
17.9	+/-0.100	17.9"	✓			
20.5	+/-0.100	20.5"	✓			
15.5	+/-0.100	15.5"	✓			
3.1	+/-0.100	3.1"	✓			
16.7	+/-0.100	16.7"	✓			
2.0	+/-0.100	2.0"	✓			
2.0	+/-0.100	1.92"	✓			
0.070	Min	0.095"	✓			

Measured by: DAS 07 9-89	Date: 12/02/14
Audited by: PD	Date: 12.09.20
Preliminary Approval:	Date:

Rev	Date	Change	Revised by	Approved
A	14.07.14	New Issue	KJ	
B	15.04.27	Dimensions updated per Dwg Rev D	KJ	

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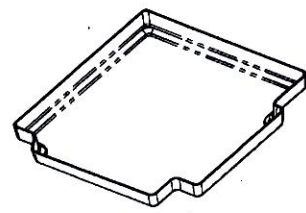
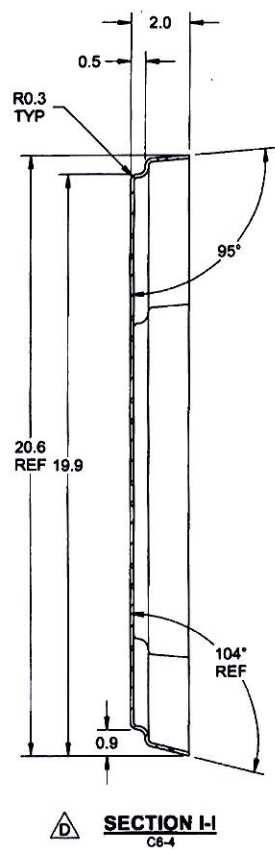
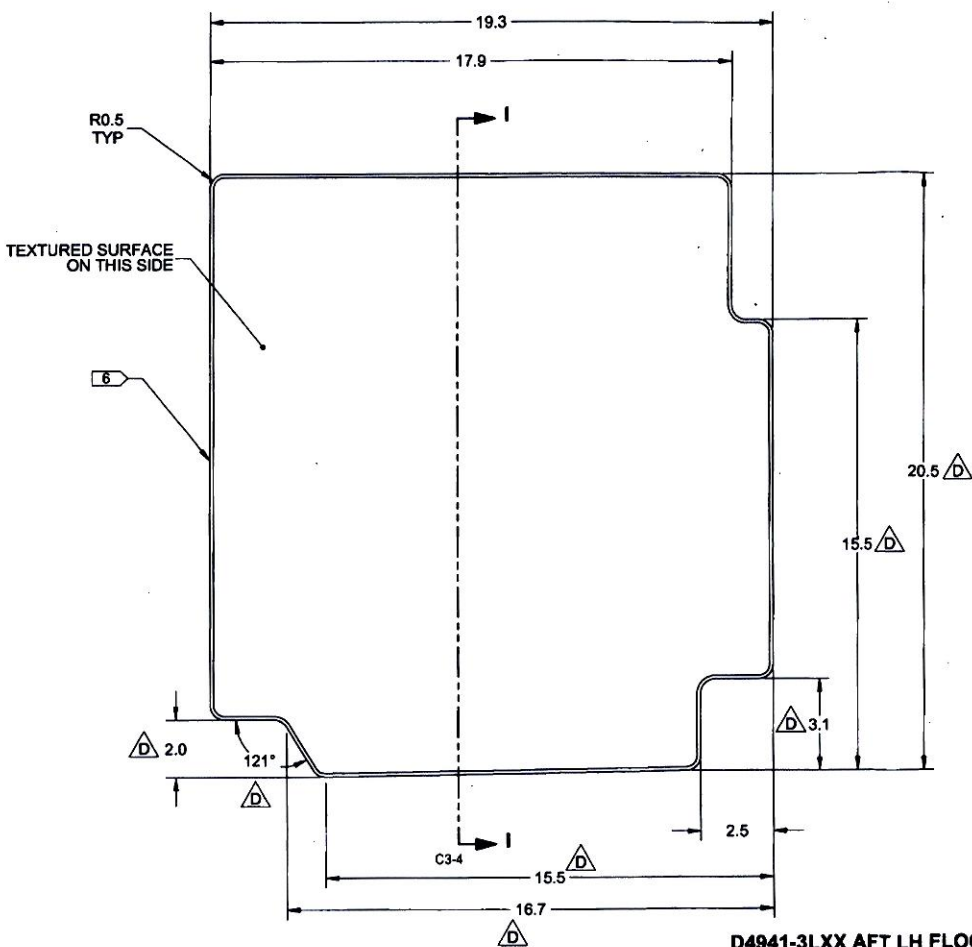
Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION		AGAINST DEPARTMENT/PROCESS							
	Rework	☐	Skid-tube	☐	Cross tube	☐	Water Jet	☐	Engineering	☐
	Scrap	☐	Machining	☐	Small Fab	☐	Prod. Eng. Coord.	☐	Quality	☐
	Use-as-is	☐	Thermoforming	☐	Finishing	☐	Rec/Store/Packaging	☐	Other	☐
	Suspected Unapproved	☐	Large Fab	☐	Composite	☐	Supplier	☐		

Date :	Step #:	QTY Effective :	MRB (QS1042) Approval
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Description Work Order Deviation	Disposition	Completed By
		Lead hand / Supervisor Approval Verification
		QC / QA Coordinator Approval

Root Cause			FAULT CATEGORY								
Environment	☐	No Re-verification	☐	Pressure/Forced	☐	Temperature/Cure	☐	Power Loss/Surge	☐	Positioned Wrong	☐
Design	☐	Operator	☐	Bending	☐	Set-up	☐	Folio/Program	☐	Outside Dimensions	☐
Doc/Data	☐	Offset/Setup	☐	Centre Not Concentric	☐	BOM/Route	☐	Grain	☐	Over/Under tolerance	☐
Equip/Tooling	☐	Supplier	☐	Cracks	☐	Broken/Damage/Defect	☐	Weld	☐	Part Incorrect	☐
Handling/Pre	☐	Training	☐	Crimp/Kink/Ripple/Wave	☐	Inspection Incomplete/Unqualified	☐	Wrong Stock Pulled	☐	Part Lost/Missing	☐
Material	☐	Use for Testing	☐	Cuffs	☐	Contamination	☐	Out of Sequence	☐	Part Moved	☐
Internal Transport	☐	Poor Information	☐	Crushing	☐	Countersink	☐	Off-set	☐	Drawing	☐
Tribal Knowledge	☐	Rushing	☐	Heat Treat	☐	Cut Too Short	☐	Mislabeled	☐	Finish	☐
LOA	☐	Product Improvement	☐	Wave/Twist in Tube	☐	Instructions Incomplete/Unclear	☐	Fit/Function	☐	Misread	☐
Substation	☐	Process Improvement	☐	Marks/Chatter	☐	Drill Holes	☐	Misaligned/off center	☐	Turning Sequence	☐
Past Expiry Date	☐	Manufacturing Process	☐								
Misidentified	☐		☐								



SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 164302 MLS
170717

RELEASED
2014-10-08
md

D4941-3LXX AFT LH FLOOR PROTECTOR

- NOTES:
- 1) MATERIAL: SEE TABLE
 - 2) FINISH: N/A
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY PER DART QSI 044 6.4
 - 7) WEIGHT: 1.8 lbs
 - 8) THERMOFORM PER QSI 022 USING MOLD DT9992
 - 9) TRIM PER MOLD LEAVING FINISHED EDGES
 - 9) MINIMUM THICKNESS AFTER FORMING IS 0.070"

PART NUMBER	DESCRIPTION
D4941-3L02	F6006 SUEDE/POLISHED 701 BLACK LEXAN SHEET 0.125 THICK (REF DART SPEC MLEXS.125-F6006-02)
D4941-3L08	90318 PROTECT-A-GLAZE 112 CLEAR LEXAN SHEET 0.118 THICK (REF DART SPEC MLEXS.118-90318-08)

DESIGN		AK	DART AEROSPACE LTD	
DRAWN		AK	HAWKESBURY, ONTARIO, CANADA	
CHECKED		VS	DRAWING NO.	REV. D
MFG. APPR.		DL	D4941	SHEET 4 OF 5
APPROVED		HS	TITLE	SCALE
DE APPR.		DS	CABIN FLOOR PROTECTORS	NTS
DATE		14.07.25		

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Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO37108**

Purchase Order Date 7/19/2017

PO Print Date 7/19/2017

Page Number 8 of 9

Order From :

VC-PLT01

Ship To : DART AEROSPACE LTD

PLAS-TECH
115 APPLEWOOD CRESCENT
CONCORD, ONTARIO L4K 5C1

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 416-736-0004

Ship To Contact

Ship To Phone

Ship Via:

Ship Acct:

Buyer

Customer POID

Customer Tax #

Terms

Currency

FOB

Chantal Lavoie

10127-2607

Net 30

CAD

Destination-Collect

Line Total: \$400.00

22 D4941-2L08

Floor Protector, Fwd RH,
(Clear)

7/31/2017

4.00

\$100.00

\$400.00

Yes

Each

7/31/2017

MANUFACTURE AS PER DWG D4941 REV. D
B164300

Line Total: \$400.00

23 D4941-3L08P

Floor Protector, Aft LH,
(Clear)

7/31/2017

4.00

\$100.00

\$400.00

Yes

Each

7/31/2017

MANUFACTURE AS PER DWG D4941 REV. D
B164302

Line Total: \$400.00

24 D4941-4L08P

Floor Protector, Aft RH,
(Clear)

7/31/2017

4.00

\$100.00

\$400.00

Yes

Each

7/31/2017

MANUFACTURE AS PER DWG D4941 REV. D
B164304

Note:

7/19/2017

Packing Slip



115 Applewood Crescent
Concord, ON, L4K 5C1
PLASTECHONLINE.COM
P- 416 736 0004
F- 416 736 0010

Shipment Number: 24293
Shipment Date: 08/08/2017
BOL Number:
Customer Key: C1887
Salesperson: MIKE AUBE
Page Number: 1 of 1

B DART AEROSPACE LTD.
I 1270 ABERDEEN STREET
L HAWKESBURY ON K6A 1K7
L CA
T Attn: ROBERT ABOUD
O Buyer Contact: ROBERT ABOUD

S DART AEROSPACE
H 1270 ABERDEEN STREET
I HAWKESBURY ON K6A 1K7
P CA
T Attn: ROBERT ABOUD
O

Purchase Order
37108
Carrier Account #

Sales Order
SO-019288

Ship Via
FREIGHTCOM INC. -

Incoterms
EX WORKS

Payment Method
PPD/CHG
Tracking Number

Item Number - Revision	Description	Quantity Shipped	UOM
D4941-1L08 - Rev.: D	CABIN FLOOR PROTECTORS HS Code: 3920.61.1000 - OTHER Country of Origin : CA	4	EA
D4941-2L08 - Rev.: D	CABIN FLOOR PROTECTORS HS Code: 3920.61.1000 - OTHER Country of Origin : CA	4	EA
D4941-3L08 - Rev.: D	CABIN FLOOR PROTECTORS HS Code: 3920.61.1000 - OTHER Country of Origin : CA	4	EA
D4941-4L08 - Rev.: D	CABIN FLOOR PROTECTORS HS Code: 3920.61.1000 - OTHER Country of Origin : CA	4	EA

Sp 17-9-12

Number of Containers

Gross Weight

Shipped By

Certificate Of Conformance



Customer: DART AEROSPACE LTD P.O. # 37108 SO # 019288

Part #	D4941-1L08	Qty.	4	Batch #	-021
Description	CABIN FLOOR PROTECTORS	Material usage	1 SHEET	Lot#	M138294
Part #	D4941-2L08	Qty.	4	Batch #	-022
Description	CABIN FLOOR PROTECTORS	Material usage	1 SHEET	Lot#	M138294
Part #	D4941-3L08	Qty.	4	Batch #	-023
Description	CABIN FLOOR PROTECTORS	Material usage	1 SHEET	Lot#	M138294
Part #	D4941-4L08	Qty.	4	Batch #	-024
Description	CABIN FLOOR PROTECTORS	Material usage	1 SHEET	Lot#	M138294
Part #		Qty.		Batch #	
Description		Material usage		Lot#	
Part #		Qty.		Batch #	
Description		Material usage		Lot#	
Part #		Qty.		Batch #	
Description		Material usage		Lot#	

Note: All parts are not identified as meeting QSI044.

By: BRUCE QUAN Date: SEPT 7, 2017 COFC# 010
(Approved QA Signatory)

Page: 1 of 1

Plas-Tech Inc. 115 Applewood Cres. Concord, Ontario L4K 5C1 Tel: (416) 736-0004 Fax: (416) 736-0010

Email: info@plasteconline.com, Web: www.plasteconline.com

PLAS-TECH
Think Plastics™

✕ First Off

Rev.	Date	Change	Revised by	Approved